CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004091422 A1 20040513 US 2003-627991 20030728

PRAI US 2002-398653P P 20020727

US 2002-427266P P 20021118

US 2002-437270P P 20021230

OS MARPAT 140:141702

IT **533935-35-2P 533935-36-3P 533935-37-4P 533935-38-5P 653572-06-6P 653572-07-7P 653572-08-8P 653572-09-9P 653572-10-2P 653572-11-3P 653572-12-4P 653572-13-5P 653572-14-6P 653572-15-7P 653572-16-8P 653572-17-9P 653572-18-0P 653572-19-1P 653572-20-4P 653572-21-5P 653572-22-6P**

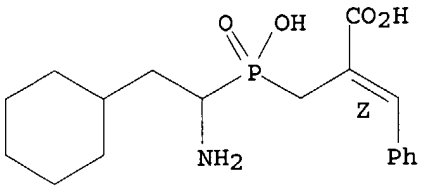
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(design and synthesis of aminophosphinic acid derivs. as renal dipeptidase inhibitors and antitumor agents)

RN 533935-35-2 CAPLUS

CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-phenyl-, (2Z)- (9CI) (CA INDEX NAME)

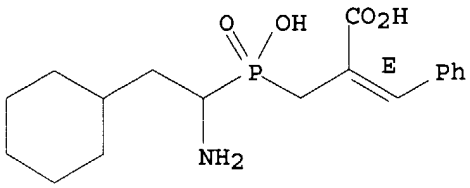
Double bond geometry as shown.



RN 533935-36-3 CAPLUS

CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-phenyl-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

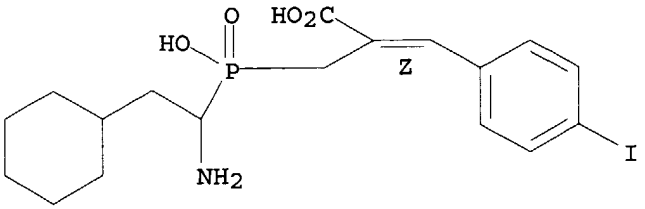


RN 533935-37-4 CAPLUS

CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-

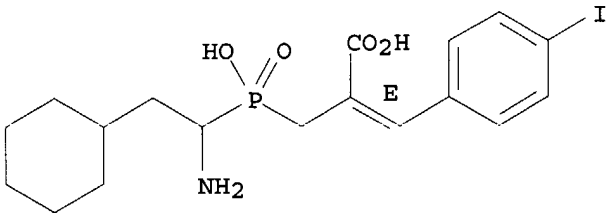
3-(4-iodophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



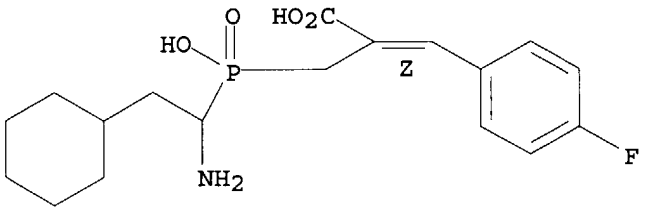
RN 533935-38-5 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-iodophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



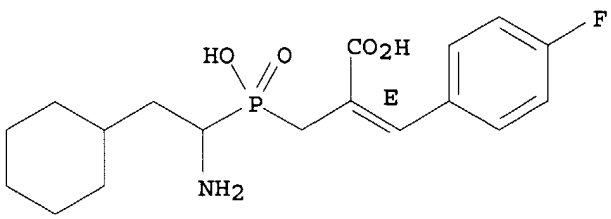
RN 653572-06-6 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-fluorophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



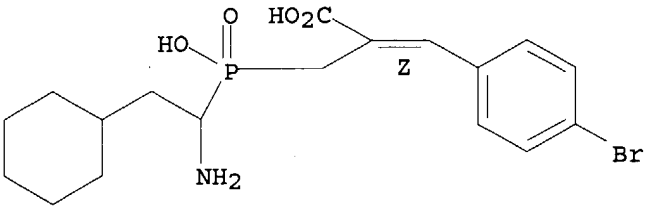
RN 653572-07-7 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-fluorophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



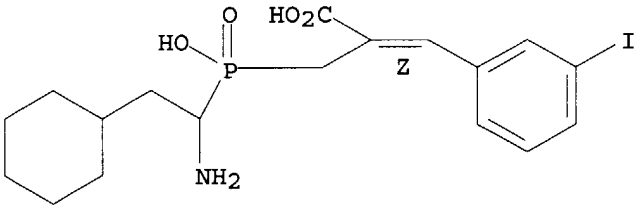
RN 653572-08-8 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-bromophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



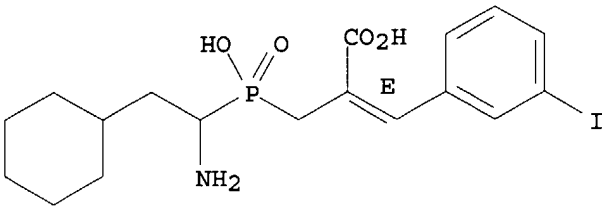
RN 653572-09-9 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-iodophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



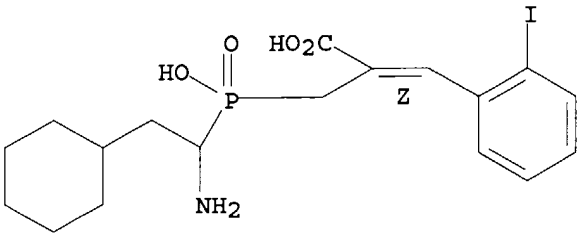
RN 653572-10-2 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-iodophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



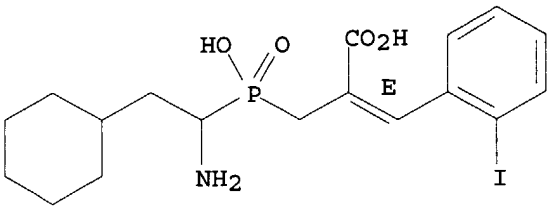
RN 653572-11-3 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(2-iodophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



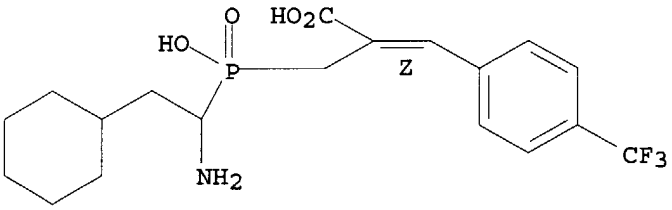
RN 653572-12-4 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(2-iodophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



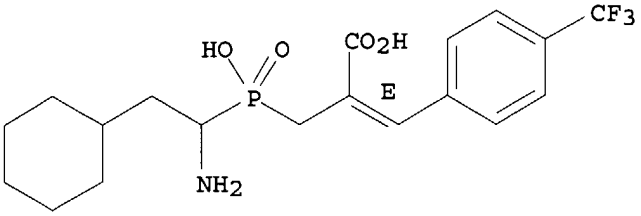
RN 653572-13-5 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-[4-(trifluoromethyl)phenyl]-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



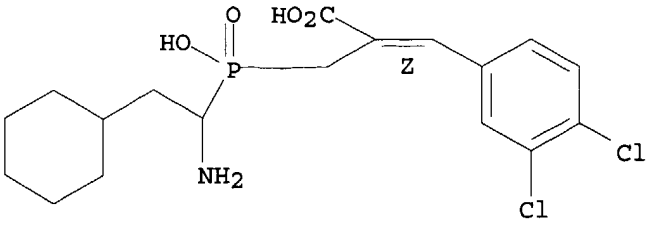
RN 653572-14-6 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-[4-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



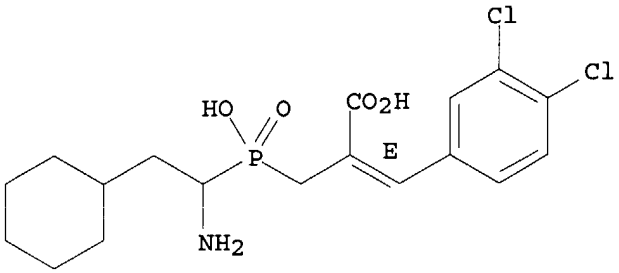
RN 653572-15-7 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3,4-dichlorophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



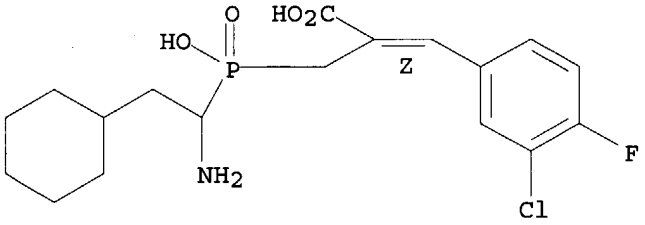
RN 653572-16-8 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3,4-dichlorophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



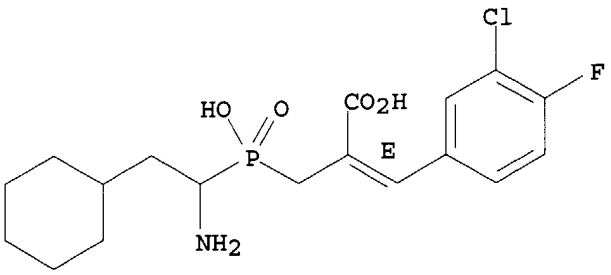
RN 653572-17-9 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-chloro-4-fluorophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



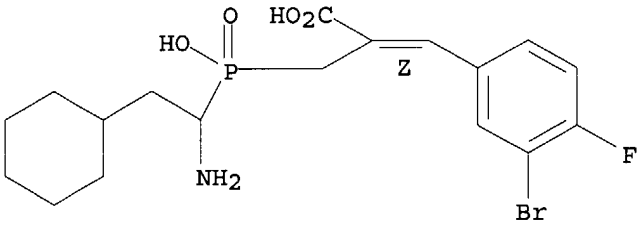
RN 653572-18-0 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-chloro-4-fluorophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



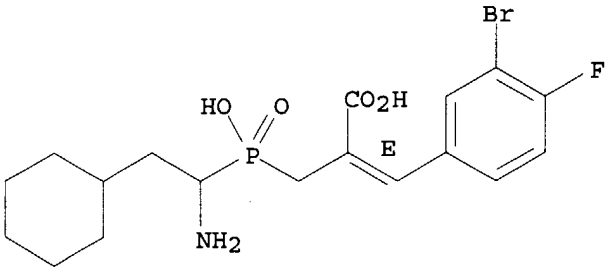
RN 653572-19-1 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-bromo-4-fluorophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



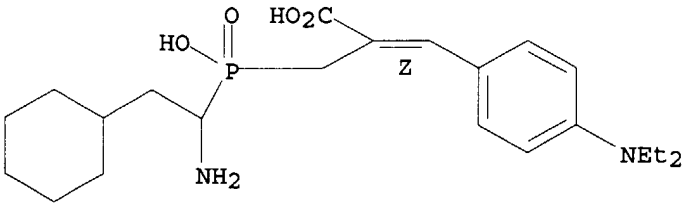
RN 653572-20-4 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(3-bromo-4-fluorophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



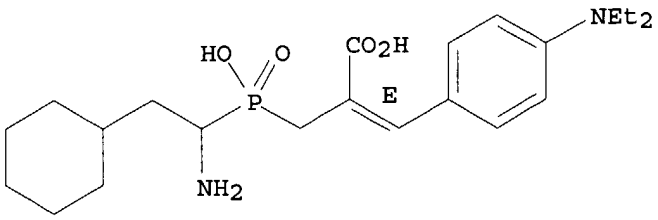
RN 653572-21-5 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-[4-(diethylamino)phenyl]-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



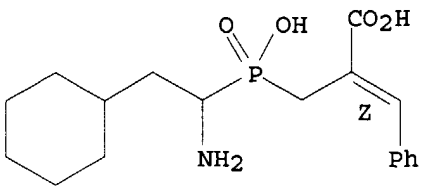
RN 653572-22-6 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-[4-(diethylamino)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AB Aminophosphinic acid derivs. were synthesized as potential inhibitors of renal dipeptidase (RDP), an enzyme over-expressed in benign and malignant colon tumors, and several compds. showed potent enzyme-inhibitory activity. In an example reaction, (E)-[BocNH(C6H11CH2)CH]P(O)(OMe)[CH2C(CO2Me):CHPh] was prepared in two steps from [BocNH(C6H11CH2)CH]P(O)(OMe)H and hydrolyzed to (E)-[NH2(C6H11CH2)CH]P(O)(OH)[CH2C(CO2H):CHPh].
AN 2003:114414 CAPLUS
DN 139:6950
TI Design, synthesis and evaluation of new RDP inhibitors
AU Gurulingappa, Hallur; Buckhaults, Phillip; Kumar, Srinivas K.; Kinzler, Kenneth W.; Vogelstein, Bert; Khan, Saeed R.
CS The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD, 21231, USA
SO Tetrahedron Letters (2003), 44(9), 1871-1873
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 139:6950
IT **533935-35-2P 533935-36-3P 533935-37-4P**
533935-38-5P
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(RDP inhibition activity; stereoselective preparation and RDP inhibition activity of aminophosphinic acid derivs.)
RN 533935-35-2 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-phenyl-, (2Z)- (9CI) (CA INDEX NAME)

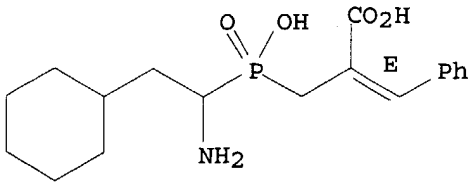
Double bond geometry as shown.



RN 533935-36-3 CAPLUS

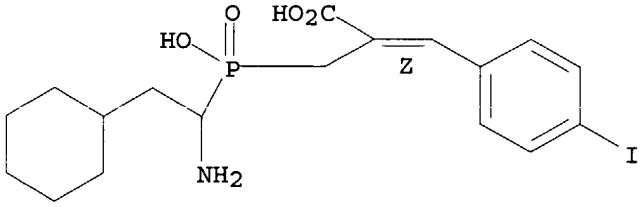
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-phenyl-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



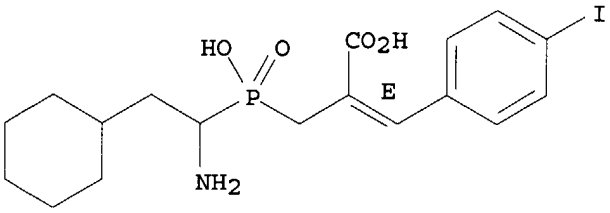
RN 533935-37-4 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-iodophenyl)-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 533935-38-5 CAPLUS
CN 2-Propenoic acid, 2-[[(1-amino-2-cyclohexylethyl)hydroxyphosphinyl]methyl]-3-(4-iodophenyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 16:15:58 ON 28 MAY 2004
L1 STRUCTURE UPLOADED
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L4 2 S L3

FILE 'USPATFULL, USPAT2' ENTERED AT 16:16:53 ON 28 MAY 2004

=> s l3
L5 0 L3

=> file uspatall

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.54	169.12

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L6 0 L3